

WHAT IS CLAIMED IS

1. A method for fabricating an electroluminescent device with a drying film, comprising the steps of:

providing a substrate;

5 forming, in sequence from substrate up, a transparent electrode, a luminescent layer, and an opposed electrode; and

forming a drying film by providing a raw material to react with a gaseous reactant on the surface of said opposed electrode.

10 2. The method as recited in claim 1, wherein said raw material is composed of one of alkaline metal, alkaline-earth metal and composition thereof.

3. The method as recited in claim 1, wherein said raw material is composed of one of barium (Ba), magnesium (Mg), calcium (Ca) and composition thereof.

15 4. The method as recited in claim 1, wherein said gaseous reactant is composed of oxygen.

5. The method as recited in claim 1, wherein said drying film is composed of one of barium oxide (BaO), magnesium oxide (MgO), calcium oxide (CaO) and composition thereof.

20 6. The method as recited in claim 1, wherein said drying film is formed on the surface of said opposed electrode in a chamber wherein said gaseous reactant is provided by a gaseous reactant supplier and then flows in a path towards a channel through which said raw material passes.

25 7. The method as recited in claim 6, wherein an isolating member is provided to attach the lateral side of said opposed electrode.

8. The method as recited in claim 1, wherein said raw material is introduced towards said opposed electrode by one of the way of evaporation and sputtering.

9. An electroluminescent device with a drying film, comprising, comprising:

a substrate;

at least one transparent electrode formed on the surface of said
5 substrate;

an organic layer formed on the surface of said transparent
electrode;

an opposed electrode formed on the surface of said organic layer;
and

10 a drying film formed on the surface of said opposed electrode,
wherein said drying film is formed by providing a raw material to react
with a gaseous reactant on the surface of said opposed electrode.

10. The EL device as recited in claim 9, wherein said raw material is
composed of one of alkaline metal, alkaline-earth metal and composition
15 thereof.

11. The EL device as recited in claim 9, wherein said raw material is
composed of one of barium (Ba), magnesium (Mg), calcium (Ca) and
composition thereof.

12. The EL device as recited in claim 9, wherein said gaseous
20 reactant is composed of oxygen.

13. The EL device as recited in claim 9, wherein said drying film is
composed of one of barium oxide (BaO), magnesium oxide (MgO),
calcium oxide (CaO) and composition thereof.

14. The EL device as recited in claim 9, further comprising a sealing
25 layer formed to cover the exposed portions of said substrate, said
transparent electrode, said organic layer, said opposed electrode and said
drying film.

15. An electroluminescent device with a drying film, comprising,
comprising:

a substrate;

at least one transparent electrode formed on the surface of said substrate;

an organic layer formed on the surface of said transparent electrode;

an opposed electrode formed on the surface of said organic layer; and

a moisture-absorbing film formed on the surface of said opposed electrode.

10 16. The organic EL device as recited in claim 15, wherein said drying film is composed of one of barium oxide (BaO), magnesium oxide (MgO), calcium oxide (CaO) and composition thereof.

15 17. The organic EL device as recited in claim 15, further comprising a sealing layer formed to cover the exposed portions of said substrate, said transparent electrode, said organic layer, said opposed electrode and said moisture-absorbing film.

18. A method for fabricating a drying film, comprising the steps of:

providing a raw material to react with a gaseous reactant and forming a drying film on the surface of a device.

20 19. The method as recited in claim 18, wherein said raw material is composed of one of alkaline metal, alkaline-earth metal and composition thereof.

25 20. The method as recited in claim 18, wherein said raw material is composed of one of barium (Ba), magnesium (Mg), calcium (Ca) and composition thereof.

21. The method as recited in claim 18, wherein said gaseous reactant is composed of oxygen.

22. The method as recited in claim 18, wherein said drying film is

composed of one of barium oxide (BaO), magnesium oxide (MgO), calcium oxide (CaO) and composition thereof.

23. The method as recited in claim 18, wherein said drying film is formed on the surface of said device in a chamber wherein said gaseous reactant is provided by a gaseous reactant supplier and then flows in a path towards a channel through which said raw material passes.

24. The method as recited in claim 18, wherein an isolating member is provided to attach the lateral side of said device.

25. The method as recited in claim 18, wherein said raw material is introduced towards said device by one of the way of evaporation and sputtering.